OM protein - protein search, using sw model

Run on: July 10, 2002, 08:25:03 ; Search time 16 Seconds
(without alignments)
102.970 Million cell updates/sec

Title: US-09-508-054-19
Perfect score: 87
Sequence: 1 YLRIVQCRSVEGSCGF 16

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 316791 seqs, 102969836 residues

Total number of hits satisfying chosen parameters: 316791

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 150 summaries

Database : Pending_Patents_AA_New:*
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6: /cgn2_6/ptodata/1/paa/US10_NEW_COMB.pep:*
7: /cgn2_6/ptodata/1/paa/US60_NEW_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	83	95.4	20	6	US-10-032-073-2	Sequence 2, Appli
2	83	95.4	26	6	US-10-032-073-3	Sequence 3, Appli
3	83	95.4	26	6	US-10-032-073-5	Sequence 5, Appli
4	83	95.4	191	5	US-09-984-010-23	Sequence 23, Appl
5	83	95.4	217	5	US-09-804-409A-16	Sequence 16, Appl
6	83	95.4	217	5	US-09-511-024A-1	Sequence 1, Appli
7	83	95.4	217	5	US-09-712-021-26	Sequence 26, Appl
8	83	95.4	217	5	US-09-712-021-27	Sequence 27, Appl
9	80	92.0	15	6	US-10-032-073-1	Sequence 1, Appli
10	80	92.0	26	6	US-10-032-073-4	Sequence 4, Appli
11	80	92.0	136	6	US-10-043-487-337	Sequence 337, App
12	80	92.0	191	5	US-09-511-024A-3	Sequence 3, Appli
13	80	92.0	191	5	US-09-511-024A-4	Sequence 4, Appli
14	80	92.0	191	5	US-09-511-024A-5	Sequence 5, Appli
15	80	92.0	191	5	US-09-511-024A-6	Sequence 6, Appli
16	80	92.0	199	7	US-60-384-665-9	Sequence 9, Appli
17	80	92.0	222	7	US-60-384-665-8	Sequence 8, Appli
18	80	92.0	237	6	US-10-143-788-566	Sequence 566, App
19	78	89.7	191	5	US-09-511-024A-7	Sequence 7, Appli
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ALIGNMENTS

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; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
;   LENGTH: 20
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-032-073-2


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  Best Local Similarity   93.8%;  Pred. No. 3.5e-07;
  Matches   15;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

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; Sequence 3, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
;   LENGTH: 26
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-032-073-3


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Db      11 FLRIVQCRSVEGSCGF 26


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; Sequence 5, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
;   LENGTH: 26
;   TYPE: PRT
;   ORGANISM: Macaca mulatta
US-10-032-073-5
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  Matches   15;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

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Db     11 FLRIVQCRSVEGSCGF 26


RESULT   4
US-09-984-010-23
; Sequence 23, Application US/09984010
;   GENERAL INFORMATION:
;        APPLICANT: Ballance, David James
;        TITLE OF INVENTION: RECOMBINANT FUSION PROTEINS TO GROWTH HORMONE
;                            AND SERUM ALBUMIN
;        NUMBER OF SEQUENCES: 26
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, LLP
;             STREET: 1300 I Street, NW
;             CITY: Washington
;             STATE: DC
;             COUNTRY: USA
;             ZIP: 20005-3315
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/09/984,010
;             FILING DATE: 21-May-2002
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US 09/091,873
;             FILING DATE: 25-JUN-1998
;             APPLICATION NUMBER: PCT/GB96/03164
;             FILING DATE: 19-DEC-1996
;   INFORMATION FOR SEQ ID NO: 23:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 191 amino acids
;             TYPE: amino acid
;             STRANDEDNESS: <Unknown>
;             TOPOLOGY: linear
;        MOLECULE TYPE: protein
;        HYPOTHETICAL: NO
;        ANTI-SENSE: NO
;        SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-09-984-010-23


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Db    176 FLRIVQCRSVEGSCGF 191


RESULT   5
US-09-804-409A-16
; Sequence 16, Application US/09804409A
; GENERAL INFORMATION:
;  APPLICANT: KIEFFER, TIMOTHY J.
;  APPLICANT:  CHEUNG, ANTHONY T.
;  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATED PROTEIN
;  TITLE OF INVENTION:  EXPRESSION IN GUT
;  FILE REFERENCE: 029996/027 8721
;  CURRENT APPLICATION NUMBER: US/09/804,409A
;  CURRENT FILING DATE:  2001-03-12
;  NUMBER OF SEQ ID NOS: 18
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
;   LENGTH: 217
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-804-409A-16


  Query Match             95.4%;  Score 83;  DB 5;  Length 217;
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US-09-511-024A-1
; Sequence 1, Application US/09511024A
; GENERAL INFORMATION:
;  APPLICANT: Filikov, Anton
;  APPLICANT:  Dahiyat, Bassil I.
;  TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
;  FILE REFERENCE: A-67477-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/511,024A
;  CURRENT FILING DATE:  2002-05-06
;  PRIOR APPLICATION NUMBER: US 60/133,784
;  PRIOR FILING DATE: 1999-05-12
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
;   LENGTH: 217
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;   ORGANISM: Homo sapiens
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;   FEATURE:
;   NAME/KEY: mat_peptide
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US-09-511-024A-1


  Query Match             95.4%;  Score 83;  DB 5;  Length 217;
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Db    202 FLRIVQCRSVEGSCGF 217


RESULT   7
US-09-712-021-26
; Sequence 26, Application US/09712021
; GENERAL INFORMATION:
;  APPLICANT: Majumder, Kamud
;  APPLICANT:  Prayaga, Sudhirdas
;  APPLICANT:  Burgess, Catherine
;  TITLE OF INVENTION: Novel Growth Factor Polypeptides and Nucleic Acids
;  TITLE OF INVENTION:  Encoding Same
;  FILE REFERENCE: 15966-597 US utility (Cura-97)
;  CURRENT APPLICATION NUMBER: US/09/712,021
;  CURRENT FILING DATE:  2000-11-14
;  PRIOR APPLICATION NUMBER: 60/165,733
;  PRIOR FILING DATE: 1999-11-15
;  PRIOR APPLICATION NUMBER: 60/166,143
;  PRIOR FILING DATE: 1999-11-18
;  PRIOR APPLICATION NUMBER: 60/166,178
;  PRIOR FILING DATE: 1999-11-18
;  PRIOR APPLICATION NUMBER: 60/166,288
;  PRIOR FILING DATE: 1999-11-18
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;  PRIOR APPLICATION NUMBER: 60/167,471
;  PRIOR FILING DATE: 1999-11-24
;  NUMBER OF SEQ ID NOS: 34
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;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-712-021-26


  Query Match            95.4%;  Score 83;  DB 5;  Length 217;
  Best Local Similarity  93.8%;  Pred. No. 3.6e-06;
  Matches   15;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 YLRIVQCRSVEGSCGF 16
          :||||||||||||||||
Db    202 FLRIVQCRSVEGSCGF 217


RESULT   8
US-09-712-021-27
; Sequence 27, Application US/09712021
; GENERAL INFORMATION:
;  APPLICANT: Majumder, Kamud
;  APPLICANT:  Prayaga, Sudhirdas
;  APPLICANT:  Burgess, Catherine
;  TITLE OF INVENTION: Novel Growth Factor Polypeptides and Nucleic Acids
;  TITLE OF INVENTION:  Encoding Same
;  FILE REFERENCE: 15966-597 US utility (Cura-97)
;  CURRENT APPLICATION NUMBER: US/09/712,021
;  CURRENT FILING DATE:  2000-11-14
;  PRIOR APPLICATION NUMBER: 60/165,733
;  PRIOR FILING DATE: 1999-11-15
;  PRIOR APPLICATION NUMBER: 60/166,143
;  PRIOR FILING DATE: 1999-11-18
;  PRIOR APPLICATION NUMBER: 60/166,178
;  PRIOR FILING DATE: 1999-11-18
;  PRIOR APPLICATION NUMBER: 60/166,288
;  PRIOR FILING DATE: 1999-11-18
;  PRIOR APPLICATION NUMBER: 60/167,471
;  PRIOR FILING DATE: 1999-11-24
;  NUMBER OF SEQ ID NOS: 34
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
;   LENGTH: 217
;   TYPE: PRT
;   ORGANISM: Mus musculus
US-09-712-021-27


  Query Match            95.4%;  Score 83;  DB 5;  Length 217;
  Best Local Similarity  93.8%;  Pred. No. 3.6e-06;
  Matches   15;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 YLRIVQCRSVEGSCGF 16
          :||||||||||||||||
Db    202 FLRIVQCRSVEGSCGF 217


RESULT   9
US-10-032-073-1
; Sequence 1, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
;   LENGTH: 15
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-032-073-1


  Query Match            92.0%;  Score 80;  DB 6;  Length 15;
  Best Local Similarity  100.0%;  Pred. No. 8.3e-07;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 LRIVQCRSVEGSCGF 16
          |||||||||||||||
Db      1 LRIVQCRSVEGSCGF 15


RESULT  10
US-10-032-073-4
; Sequence 4, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
;   LENGTH: 26
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-032-073-4


  Query Match            92.0%;  Score 80;  DB 6;  Length 26;
  Best Local Similarity  87.5%;  Pred. No. 1.4e-06;
  Matches   14;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 YLRIVQCRSVEGSCGF 16
          :||:||||||||||||
Db     11 FLRMVQCRSVEGSCGF 26


RESULT  11
US-10-043-487-337
; Sequence 337, Application US/10043487
; GENERAL INFORMATION:
;  APPLICANT: HYBRIGENICS
;  APPLICANT:  Pierre, LEGRAIN
;  TITLE OF INVENTION: Protein-protein interactions between Shigella Flexneri polypep
;  TITLE OF INVENTION:  mammalian polypeptides
;  FILE REFERENCE: B4778A
;  CURRENT APPLICATION NUMBER: US/10/043,487
;  CURRENT FILING DATE:  2002-04-30
;  PRIOR APPLICATION NUMBER: US 60/261,130
;  PRIOR FILING DATE: 2001-01-12
;  NUMBER OF SEQ ID NOS: 561
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 337
;   LENGTH: 136
;   TYPE: PRT
;   ORGANISM: Shigella Flexneri
US-10-043-487-337
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```
  Query Match             92.0%;  Score 80;  DB 6;  Length 136;
  Best Local Similarity   87.5%;  Pred. No. 7.1e-06;
  Matches   14;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 YLRIVQCRSVEGSCGF 16
          :||:|||||||||||||
Db    121 FLRMVQCRSVEGSCGF 136


RESULT  12
US-09-511-024A-3
; Sequence 3, Application US/09511024A
; GENERAL INFORMATION:
;  APPLICANT: Filikov, Anton
;  APPLICANT:  Dahiyat, Bassil I.
;  TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
;  FILE REFERENCE: A-67477-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/511,024A
;  CURRENT FILING DATE:  2002-05-06
;  PRIOR APPLICATION NUMBER: US 60/133,784
;  PRIOR FILING DATE: 1999-05-12
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
;   LENGTH: 191
;   TYPE: PRT
;   ORGANISM: Artificial sequence
;   FEATURE:
;   OTHER INFORMATION: synthetic
US-09-511-024A-3


  Query Match             92.0%;  Score 80;  DB 5;  Length 191;
  Best Local Similarity   87.5%;  Pred. No. 9.9e-06;
  Matches   14;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 YLRIVQCRSVEGSCGF 16
          :|||||||:|||||||
Db    176 FLRIVQCRAVEGSCGF 191


RESULT  13
US-09-511-024A-4
; Sequence 4, Application US/09511024A
; GENERAL INFORMATION:
;  APPLICANT: Filikov, Anton
;  APPLICANT:  Dahiyat, Bassil I.
;  TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
;  FILE REFERENCE: A-67477-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/511,024A
;  CURRENT FILING DATE:  2002-05-06
;  PRIOR APPLICATION NUMBER: US 60/133,784
;  PRIOR FILING DATE: 1999-05-12
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
;   LENGTH: 191
;   TYPE: PRT
;   ORGANISM: Artificial sequence
;   FEATURE:
;   OTHER INFORMATION: synthetic
US-09-511-024A-4


  Query Match             92.0%;  Score 80;  DB 5;  Length 191;
  Best Local Similarity   87.5%;  Pred. No. 9.9e-06;
  Matches   14;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 YLRIVQCRSVEGSCGF 16
          :|||||||:|||||||
Db    176 FLRIVQCRAVEGSCGF 191


RESULT  14
US-09-511-024A-5
; Sequence 5, Application US/09511024A
; GENERAL INFORMATION:
;  APPLICANT: Filikov, Anton
;  APPLICANT:  Dahiyat, Bassil I.
;  TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
;  FILE REFERENCE: A-67477-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/511,024A
;  CURRENT FILING DATE:  2002-05-06
;  PRIOR APPLICATION NUMBER: US 60/133,784
;  PRIOR FILING DATE: 1999-05-12
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
;   LENGTH: 191
;   TYPE: PRT
;   ORGANISM: Artificial sequence
;   FEATURE:
;   OTHER INFORMATION: synthetic
US-09-511-024A-5


  Query Match             92.0%;  Score 80;  DB 5;  Length 191;
  Best Local Similarity   87.5%;  Pred. No. 9.9e-06;
  Matches   14;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 YLRIVQCRSVEGSCGF 16
          :|||||||:|||||||
Db    176 FLRIVQCRAVEGSCGF 191


RESULT  15
US-09-511-024A-6
; Sequence 6, Application US/09511024A
; GENERAL INFORMATION:
;  APPLICANT: Filikov, Anton
;  APPLICANT:  Dahiyat, Bassil I.
;  TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
;  FILE REFERENCE: A-67477-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/511,024A
;  CURRENT FILING DATE:  2002-05-06
;  PRIOR APPLICATION NUMBER: US 60/133,784
;  PRIOR FILING DATE: 1999-05-12
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
;   LENGTH: 191
;   TYPE: PRT
;   ORGANISM: Artificial sequence
;   FEATURE:
;   OTHER INFORMATION: synthetic
US-09-511-024A-6


  Query Match             92.0%;  Score 80;  DB 5;  Length 191;
  Best Local Similarity   87.5%;  Pred. No. 9.9e-06;
  Matches   14;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 YLRIVQCRSVEGSCGF 16
          :|||||||:|||||||
Db    176 FLRIVQCRAVEGSCGF 191


RESULT  16
US-60-384-665-9
; Sequence 9, Application US/60384665
; GENERAL INFORMATION:
;  APPLICANT: Ghosh, Malabika
;  APPLICANT:  Tang, Y. Tom
;  TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO GROWTH HORMONE-LIKE POLYPEPT
```

```
;  TITLE OF INVENTION:  POLYNUCLEOTIDES
;  FILE REFERENCE: HYS-57
;  CURRENT APPLICATION NUMBER: US/60/384,665
;  CURRENT FILING DATE:  2002-05-31
;  NUMBER OF SEQ ID NOS: 23
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
;   LENGTH: 199
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-60-384-665-9


  Query Match             92.0%;  Score 80;  DB 7;  Length 199;
  Best Local Similarity   87.5%;  Pred. No. 1e-05;
  Matches   14;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 YLRIVQCRSVEGSCGF 16
          :||:||||||||||||
Db    184 FLRMVQCRSVEGSCGF 199


RESULT  17
US-60-384-665-8
; Sequence 8, Application US/60384665
; GENERAL INFORMATION:
;  APPLICANT: Ghosh, Malabika
;  APPLICANT:  Tang, Y. Tom
;  TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO GROWTH HORMONE-LIKE POLYPEPTIDE
;  TITLE OF INVENTION:  POLYNUCLEOTIDES
;  FILE REFERENCE: HYS-57
;  CURRENT APPLICATION NUMBER: US/60/384,665
;  CURRENT FILING DATE:  2002-05-31
;  NUMBER OF SEQ ID NOS: 23
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
;   LENGTH: 222
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-60-384-665-8


  Query Match             92.0%;  Score 80;  DB 7;  Length 222;
  Best Local Similarity   87.5%;  Pred. No. 1.2e-05;
  Matches   14;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 YLRIVQCRSVEGSCGF 16
          :||:||||||||||||
Db    207 FLRMVQCRSVEGSCGF 222


RESULT  18
US-10-143-788-566
; Sequence 566, Application US/10143788
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;  FILE REFERENCE: PC017C1N
;  CURRENT APPLICATION NUMBER: US/10/143,788
;  CURRENT FILING DATE:  2002-05-15
;  Prior Application removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 930
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 566
;   LENGTH: 237
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-143-788-566


  Query Match             92.0%;  Score 80;  DB 6;  Length 237;
  Best Local Similarity   87.5%;  Pred. No. 1.2e-05;
  Matches   14;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 YLRIVQCRSVEGSCGF 16
          :||:||||||||||||
Db    222 FLRMVQCRSVEGSCGF 237


RESULT  19
US-09-511-024A-7
; Sequence 7, Application US/09511024A
; GENERAL INFORMATION:
;  APPLICANT: Filikov, Anton
;  APPLICANT:  Dahiyat, Bassil I.
;  TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
;  FILE REFERENCE: A-67477-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/511,024A
;  CURRENT FILING DATE:  2002-05-06
;  PRIOR APPLICATION NUMBER: US 60/133,784
;  PRIOR FILING DATE: 1999-05-12
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
;   LENGTH: 191
;   TYPE: PRT
;   ORGANISM: Artificial sequence
;   FEATURE:
;   OTHER INFORMATION: synthetic
US-09-511-024A-7


  Query Match             89.7%;  Score 78;  DB 5;  Length 191;
  Best Local Similarity   87.5%;  Pred. No. 2.1e-05;
  Matches   14;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy      1 YLRIVQCRSVEGSCGF 16
          :|||||| ||||||||
Db    176 FLRIVQCHSVEGSCGF 191


RESULT  20
US-09-511-024A-8
; Sequence 8, Application US/09511024A
; GENERAL INFORMATION:
;  APPLICANT: Filikov, Anton
;  APPLICANT:  Dahiyat, Bassil I.
;  TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
;  FILE REFERENCE: A-67477-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/511,024A
;  CURRENT FILING DATE:  2002-05-06
;  PRIOR APPLICATION NUMBER: US 60/133,784
;  PRIOR FILING DATE: 1999-05-12
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
;   LENGTH: 191
;   TYPE: PRT
;   ORGANISM: Artificial sequence
;   FEATURE:
;   OTHER INFORMATION: synthetic
US-09-511-024A-8


  Query Match             89.7%;  Score 78;  DB 5;  Length 191;
  Best Local Similarity   87.5%;  Pred. No. 2.1e-05;
  Matches   14;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy      1 YLRIVQCRSVEGSCGF 16
          :|||||| ||||||||
Db    176 FLRIVQCHSVEGSCGF 191


RESULT  21
US-09-511-024A-10
; Sequence 10, Application US/09511024A
```

; GENERAL INFORMATION:
; APPLICANT: Filikov, Anton
; APPLICANT: Dahiyat, Bassil I.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
; FILE REFERENCE: A-67477-1/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/511,024A
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US 60/133,784
; PRIOR FILING DATE: 1999-05-12
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 190
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-511-024A-10

Query Match 88.5%; Score 77; DB 5; Length 190;
Best Local Similarity 93.3%; Pred. No. 3.1e-05;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRIVQCRSVEGSCG 15
:||||||||||||||
Db 176 FLRIVQCRSVEGSCG 190

RESULT 22
US-09-511-024A-11
; Sequence 11, Application US/09511024A
; GENERAL INFORMATION:
; APPLICANT: Filikov, Anton
; APPLICANT: Dahiyat, Bassil I.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
; FILE REFERENCE: A-67477-1/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/511,024A
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US 60/133,784
; PRIOR FILING DATE: 1999-05-12
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 190
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-511-024A-11

Query Match 88.5%; Score 77; DB 5; Length 190;
Best Local Similarity 93.3%; Pred. No. 3.1e-05;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRIVQCRSVEGSCG 15
:||||||||||||||
Db 176 FLRIVQCRSVEGSCG 190

RESULT 23
US-09-511-024A-12
; Sequence 12, Application US/09511024A
; GENERAL INFORMATION:
; APPLICANT: Filikov, Anton
; APPLICANT: Dahiyat, Bassil I.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
; FILE REFERENCE: A-67477-1/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/511,024A
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US 60/133,784
; PRIOR FILING DATE: 1999-05-12
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 190
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-511-024A-12

Query Match 88.5%; Score 77; DB 5; Length 190;
Best Local Similarity 93.3%; Pred. No. 3.1e-05;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRIVQCRSVEGSCG 15
:||||||||||||||
Db 176 FLRIVQCRSVEGSCG 190

RESULT 24
US-09-511-024A-13
; Sequence 13, Application US/09511024A
; GENERAL INFORMATION:
; APPLICANT: Filikov, Anton
; APPLICANT: Dahiyat, Bassil I.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
; FILE REFERENCE: A-67477-1/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/511,024A
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US 60/133,784
; PRIOR FILING DATE: 1999-05-12
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 190
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-511-024A-13

Query Match 88.5%; Score 77; DB 5; Length 190;
Best Local Similarity 93.3%; Pred. No. 3.1e-05;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRIVQCRSVEGSCG 15
:||||||||||||||
Db 176 FLRIVQCRSVEGSCG 190

RESULT 25
US-09-511-024A-9
; Sequence 9, Application US/09511024A
; GENERAL INFORMATION:
; APPLICANT: Filikov, Anton
; APPLICANT: Dahiyat, Bassil I.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
; FILE REFERENCE: A-67477-1/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/511,024A
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US 60/133,784
; PRIOR FILING DATE: 1999-05-12
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 191
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-511-024A-9

```
  Query Match           88.5%;  Score 77;  DB 5;  Length 191;
  Best Local Similarity  81.2%;  Pred. No. 3.1e-05;
  Matches   13;  Conservative    3;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 YLRIVQCRSVEGSCGF 16
           :|||||||:|||:|||
Db     176 FLRIVQCRAVEGACGF 191


RESULT  26
US-09-712-021-6
; Sequence 6, Application US/09712021
; GENERAL INFORMATION:
;  APPLICANT: Majumder, Kamud
;  APPLICANT:  Prayaga, Sudhirdas
;  APPLICANT:  Burgess, Catherine
;  TITLE OF INVENTION: Novel Growth Factor Polypeptides and Nucleic Acids
;  TITLE OF INVENTION:  Encoding Same
;  FILE REFERENCE: 15966-597 US utility (Cura-97)
;  CURRENT APPLICATION NUMBER: US/09/712,021
;  CURRENT FILING DATE:  2000-11-14
;  PRIOR APPLICATION NUMBER: 60/165,733
;  PRIOR FILING DATE: 1999-11-15
;  PRIOR APPLICATION NUMBER: 60/166,143
;  PRIOR FILING DATE: 1999-11-18
;  PRIOR APPLICATION NUMBER: 60/166,178
;  PRIOR FILING DATE: 1999-11-18
;  PRIOR APPLICATION NUMBER: 60/166,288
;  PRIOR FILING DATE: 1999-11-18
;  PRIOR APPLICATION NUMBER: 60/167,471
;  PRIOR FILING DATE: 1999-11-24
;  NUMBER OF SEQ ID NOS: 34
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
;   LENGTH: 217
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-712-021-6


  Query Match           82.8%;  Score 72;  DB 5;  Length 217;
  Best Local Similarity  81.2%;  Pred. No. 0.00023;
  Matches   13;  Conservative    1;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       1 YLRIVQCRSVEGSCGF 16
           :||| ||||||| |||
Db     202 FLRIEQCRSVEGRCGF 217


RESULT  27
US-10-032-073-7
; Sequence 7, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
;   LENGTH: 27
;   TYPE: PRT
;   ORGANISM: Mus sp.
US-10-032-073-7


  Query Match           59.2%;  Score 51.5;  DB 6;  Length 27;
  Best Local Similarity  58.8%;  Pred. No. 0.069;
  Matches   10;  Conservative    3;  Mismatches    3;  Indels    1;  Gaps    1;

Qy       1 YLRIVQCRS-VEGSCGF 16
           |||:::||  || || |
Db      11 YLRVMKCRRFVESSCAF 27


RESULT  28
US-10-032-073-8
; Sequence 8, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
;   LENGTH: 27
;   TYPE: PRT
;   ORGANISM: Mesocricetus auratus
US-10-032-073-8


  Query Match           59.2%;  Score 51.5;  DB 6;  Length 27;
  Best Local Similarity  58.8%;  Pred. No. 0.069;
  Matches   10;  Conservative    3;  Mismatches    3;  Indels    1;  Gaps    1;

Qy       1 YLRIVQCRS-VEGSCGF 16
           |||:::||  || || |
Db      11 YLRVMKCRRFVESSCAF 27


RESULT  29
US-10-032-073-9
; Sequence 9, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
;   LENGTH: 27
;   TYPE: PRT
;   ORGANISM: Unknown Organism
;   FEATURE:
;   OTHER INFORMATION: Description of Unknown Organism: Mysticete sp. or
;   OTHER INFORMATION: Odontocete sp.
US-10-032-073-9


  Query Match           59.2%;  Score 51.5;  DB 6;  Length 27;
  Best Local Similarity  58.8%;  Pred. No. 0.069;
```

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  Matches   10;  Conservative    3;  Mismatches    3;  Indels    1;  Gaps    1;

Qy      1 YLRIVQCRS-VEGSCGF 16
          |||:::||  || || |
Db     11 YLRVMKCRRFVESSCAF 27


RESULT  30
US-10-032-073-10
; Sequence 10, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
;   LENGTH: 27
;   TYPE: PRT
;   ORGANISM: Unknown Organism
;   FEATURE:
;   OTHER INFORMATION: Description of Unknown Organism: Vulpes sp., Canis
;   OTHER INFORMATION: familiaris or Felis catus
US-10-032-073-10


  Query Match             59.2%;  Score 51.5;  DB 6;  Length 27;
  Best Local Similarity   58.8%;  Pred. No. 0.069;
  Matches   10;  Conservative    3;  Mismatches    3;  Indels    1;  Gaps    1;

Qy      1 YLRIVQCRS-VEGSCGF 16
          |||:::||  || || |
Db     11 YLRVMKCRRFVESSCAF 27


RESULT  31
US-10-032-073-11
; Sequence 11, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
;   LENGTH: 27
;   TYPE: PRT
;   ORGANISM: Mustela sp.
US-10-032-073-11


  Query Match             59.2%;  Score 51.5;  DB 6;  Length 27;
  Best Local Similarity   58.8%;  Pred. No. 0.069;
  Matches   10;  Conservative    3;  Mismatches    3;  Indels    1;  Gaps    1;

Qy      1 YLRIVQCRS-VEGSCGF 16
          |||:::||  || || |
Db     11 YLRVMKCRRFVESSCAF 27


RESULT  32
US-10-032-073-15
; Sequence 15, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
;   LENGTH: 27
;   TYPE: PRT
;   ORGANISM: Sus sp.
US-10-032-073-15


  Query Match             59.2%;  Score 51.5;  DB 6;  Length 27;
  Best Local Similarity   58.8%;  Pred. No. 0.069;
  Matches   10;  Conservative    3;  Mismatches    3;  Indels    1;  Gaps    1;

Qy      1 YLRIVQCRS-VEGSCGF 16
          |||:::||  || || |
Db     11 YLRVMKCRRFVESSCAF 27


RESULT  33
US-10-032-073-16
; Sequence 16, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
;   LENGTH: 27
;   TYPE: PRT
;   ORGANISM: Lama pacos
US-10-032-073-16


  Query Match             59.2%;  Score 51.5;  DB 6;  Length 27;
  Best Local Similarity   58.8%;  Pred. No. 0.069;
  Matches   10;  Conservative    3;  Mismatches    3;  Indels    1;  Gaps    1;

Qy      1 YLRIVQCRS-VEGSCGF 16
          |||:::||  || || |
Db     11 YLRVMKCRRFVESSCAF 27


RESULT  34
US-10-032-073-17
; Sequence 17, Application US/10032073
; GENERAL INFORMATION:
```

```
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
;   LENGTH: 27
;   TYPE: PRT
;   ORGANISM: Equus sp.
US-10-032-073-17


  Query Match           59.2%;  Score 51.5;  DB 6;  Length 27;
  Best Local Similarity  58.8%;  Pred. No. 0.069;
  Matches   10;  Conservative    3;  Mismatches    3;  Indels    1;  Gaps    1;

Qy      1 YLRIVQCRS-VEGSCGF 16
          |||:::||  || || |
Db     11 YLRVMKCRRFVESSCAF 27


RESULT  35
US-10-032-073-18
; Sequence 18, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
;   LENGTH: 27
;   TYPE: PRT
;   ORGANISM: Unknown Organism
;   FEATURE:
;   OTHER INFORMATION: Description of Unknown Organism: Elephas maximus
;   OTHER INFORMATION: or Loxodonta africana
US-10-032-073-18


  Query Match           59.2%;  Score 51.5;  DB 6;  Length 27;
  Best Local Similarity  58.8%;  Pred. No. 0.069;
  Matches   10;  Conservative    3;  Mismatches    3;  Indels    1;  Gaps    1;

Qy      1 YLRIVQCRS-VEGSCGF 16
          |||:::||  || || |
Db     11 YLRVMKCRRFVESSCAF 27


RESULT  36
US-10-032-073-19
; Sequence 19, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
;   LENGTH: 27
;   TYPE: PRT
;   ORGANISM: Unknown Organism
;   FEATURE:
;   OTHER INFORMATION: Description of Unknown Organism: Ancestral mammal
US-10-032-073-19


  Query Match           59.2%;  Score 51.5;  DB 6;  Length 27;
  Best Local Similarity  58.8%;  Pred. No. 0.069;
  Matches   10;  Conservative    3;  Mismatches    3;  Indels    1;  Gaps    1;

Qy      1 YLRIVQCRS-VEGSCGF 16
          |||:::||  || || |
Db     11 YLRVMKCRRFVESSCAF 27


RESULT  37
US-09-712-021-29
; Sequence 29, Application US/09712021
; GENERAL INFORMATION:
;  APPLICANT: Majumder, Kamud
;  APPLICANT:  Prayaga, Sudhirdas
;  APPLICANT:  Burgess, Catherine
;  TITLE OF INVENTION: Novel Growth Factor Polypeptides and Nucleic Acids
;  TITLE OF INVENTION:  Encoding Same
;  FILE REFERENCE: 15966-597 US utility (Cura-97)
;  CURRENT APPLICATION NUMBER: US/09/712,021
;  CURRENT FILING DATE:  2000-11-14
;  PRIOR APPLICATION NUMBER: 60/165,733
;  PRIOR FILING DATE: 1999-11-15
;  PRIOR APPLICATION NUMBER: 60/166,143
;  PRIOR FILING DATE: 1999-11-18
;  PRIOR APPLICATION NUMBER: 60/166,178
;  PRIOR FILING DATE: 1999-11-18
;  PRIOR APPLICATION NUMBER: 60/166,288
;  PRIOR FILING DATE: 1999-11-18
;  PRIOR APPLICATION NUMBER: 60/167,471
;  PRIOR FILING DATE: 1999-11-24
;  NUMBER OF SEQ ID NOS: 34
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
;   LENGTH: 216
;   TYPE: PRT
;   ORGANISM: Mus musculus
US-09-712-021-29


  Query Match           59.2%;  Score 51.5;  DB 5;  Length 216;
  Best Local Similarity  58.8%;  Pred. No. 0.53;
  Matches   10;  Conservative    3;  Mismatches    3;  Indels    1;  Gaps    1;

Qy      1 YLRIVQCRS-VEGSCGF 16
          |||:::||  || || |
Db    200 YLRVMKCRRFVESSCAF 216


RESULT  38
US-10-032-073-6
; Sequence 6, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
```

```
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
;   LENGTH: 27
;   TYPE: PRT
;   ORGANISM: Rattus sp.
US-10-032-073-6


  Query Match           54.6%;  Score 47.5;  DB 6;  Length 27;
  Best Local Similarity  52.9%;  Pred. No. 0.31;
  Matches    9;  Conservative    3;  Mismatches    4;  Indels    1;  Gaps    1;

Qy      1 YLRIVQCRS-VEGSCGF 16
          |||:::||   | || |
Db     11 YLRVMKCRRFAESSCAF 27


RESULT  39
US-09-712-021-28
; Sequence 28, Application US/09712021
; GENERAL INFORMATION:
;  APPLICANT: Majumder, Kamud
;  APPLICANT:  Prayaga, Sudhirdas
;  APPLICANT:  Burgess, Catherine
;  TITLE OF INVENTION: Novel Growth Factor Polypeptides and Nucleic Acids
;  TITLE OF INVENTION:  Encoding Same
;  FILE REFERENCE: 15966-597 US utility (Cura-97)
;  CURRENT APPLICATION NUMBER: US/09/712,021
;  CURRENT FILING DATE:  2000-11-14
;  PRIOR APPLICATION NUMBER: 60/165,733
;  PRIOR FILING DATE: 1999-11-15
;  PRIOR APPLICATION NUMBER: 60/166,143
;  PRIOR FILING DATE: 1999-11-18
;  PRIOR APPLICATION NUMBER: 60/166,178
;  PRIOR FILING DATE: 1999-11-18
;  PRIOR APPLICATION NUMBER: 60/166,288
;  PRIOR FILING DATE: 1999-11-18
;  PRIOR APPLICATION NUMBER: 60/167,471
;  PRIOR FILING DATE: 1999-11-24
;  NUMBER OF SEQ ID NOS: 34
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
;   LENGTH: 216
;   TYPE: PRT
;   ORGANISM: Rattus norvegicus
US-09-712-021-28


  Query Match           54.6%;  Score 47.5;  DB 5;  Length 216;
  Best Local Similarity  52.9%;  Pred. No. 2.4;
  Matches    9;  Conservative    3;  Mismatches    4;  Indels    1;  Gaps    1;

Qy      1 YLRIVQCRS-VEGSCGF 16
          |||:::||   | || |
Db    200 YLRVMKCRRFAESSCAF 216


RESULT  40
US-10-032-073-12
; Sequence 12, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
;   LENGTH: 27
;   TYPE: PRT
;   ORGANISM: Bos sp.
US-10-032-073-12


  Query Match           53.4%;  Score 46.5;  DB 6;  Length 27;
  Best Local Similarity  52.9%;  Pred. No. 0.45;
  Matches    9;  Conservative    3;  Mismatches    4;  Indels    1;  Gaps    1;

Qy      1 YLRIVQCRSV-EGSCGF 16
          |||:::||   | || |
Db     11 YLRVMKCRRFGEASCAF 27


RESULT  41
US-10-032-073-13
; Sequence 13, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
;   LENGTH: 27
;   TYPE: PRT
;   ORGANISM: Ovis sp.
US-10-032-073-13


  Query Match           53.4%;  Score 46.5;  DB 6;  Length 27;
  Best Local Similarity  52.9%;  Pred. No. 0.45;
  Matches    9;  Conservative    3;  Mismatches    4;  Indels    1;  Gaps    1;

Qy      1 YLRIVQCRSV-EGSCGF 16
          |||:::||   | || |
Db     11 YLRVMKCRRFGEASCAF 27


RESULT  42
US-10-032-073-14
; Sequence 14, Application US/10032073
; GENERAL INFORMATION:
;  APPLICANT: NG, FRANK MAN-NOON
;  APPLICANT:  NATERA, SIRIA HELENS ANNA
;  APPLICANT:  JIANG, WOEI-JIA
;  TITLE OF INVENTION: TREATMENT OF OBESITY
;  FILE REFERENCE: 017227-0182
;  CURRENT APPLICATION NUMBER: US/10/032,073
;  CURRENT FILING DATE:  2001-12-31
;  PRIOR APPLICATION NUMBER: 09/245,712
;  PRIOR FILING DATE: 1999-02-08
```

```
;  PRIOR APPLICATION NUMBER: 08/340,389
;  PRIOR FILING DATE: 1994-11-15
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
;   LENGTH: 27
;   TYPE: PRT
;   ORGANISM: Capra sp.
US-10-032-073-14


  Query Match           53.4%;  Score 46.5;  DB 6;  Length 27;
  Best Local Similarity  52.9%;  Pred. No. 0.45;
  Matches    9;  Conservative    3;  Mismatches    4;  Indels    1;  Gaps    1;

Qy      1 YLRIVQCRSV-EGSCGF 16
          |||:::||   | || |
Db     11 YLRVMKCRRFGEASCAF 27


RESULT  43
US-10-155-881-19061
; Sequence 19061, Application US/10155881
; GENERAL INFORMATION:
;  APPLICANT: Dotson, Stanton B.
;  APPLICANT:  Kovalic, David K.
;  APPLICANT:  Liu, Jingdong
;  APPLICANT:  Lutfiyya, Linda L.
;  APPLICANT:  McIninch, James
;  TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
;  TITLE OF INVENTION:  TRANSCRIPTION IN PLANTS
;  FILE REFERENCE: 38-21(15300)J
;  CURRENT APPLICATION NUMBER: US/10/155,881
;  CURRENT FILING DATE:  2002-05-22
;  NUMBER OF SEQ ID NOS: 37595
; SEQ ID NO 19061
;   LENGTH: 522
;   TYPE: PRT
;   ORGANISM: Glycine max
US-10-155-881-19061


  Query Match           49.4%;  Score 43;  DB 6;  Length 522;
  Best Local Similarity  70.0%;  Pred. No. 31;
  Matches    7;  Conservative    2;  Mismatches    1;  Indels    0;  Gaps    0;

Qy      6 QCRSVEGSCG 15
          :|:||| |||
Db    197 ECKSVETSCG 206


RESULT  44
US-09-863-776-28
; Sequence 28, Application US/09863776
; GENERAL INFORMATION:
;  APPLICANT: Spytek, Kimberly A
;  APPLICANT:  Majumder, Kumud
;  APPLICANT:  Tchernev, Velizar T
;  APPLICANT:  Mishra, Vishnu
;  APPLICANT:  Padigaru, Muralidhara
;  APPLICANT:  Spaderna, Steven K
;  APPLICANT:  Shenoy, Suresh G
;  APPLICANT:  Rastelli, Luca
;  APPLICANT:  Li, Li
;  APPLICANT:  Taupier, Raymond J
;  APPLICANT:  Gangolli, Esha
;  TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
;  FILE REFERENCE: 21402-020
;  CURRENT APPLICATION NUMBER: US/09/863,776
;  CURRENT FILING DATE:  2001-05-23
;  PRIOR APPLICATION NUMBER: 09/540,763
;  PRIOR FILING DATE: 2000-03-30
;  PRIOR APPLICATION NUMBER: 60/206,679
;  PRIOR FILING DATE: 2000-05-24
;  PRIOR APPLICATION NUMBER: 60/206,688
;  PRIOR FILING DATE: 2000-05-24
;  PRIOR APPLICATION NUMBER: 60/206,829
;  PRIOR FILING DATE: 2000-05-24
;  PRIOR APPLICATION NUMBER: 60/207,748
;  PRIOR FILING DATE: 2000-05-30
;  PRIOR APPLICATION NUMBER: 60/207,798
;  PRIOR FILING DATE: 2000-05-30
;  PRIOR APPLICATION NUMBER: 60/208,263
;  PRIOR FILING DATE: 2000-05-31
;  PRIOR APPLICATION NUMBER: 60/208,831
;  PRIOR FILING DATE: 2000-06-02
;  PRIOR APPLICATION NUMBER: 60/209,451
;  PRIOR FILING DATE: 2000-06-05
;  PRIOR APPLICATION NUMBER: 60/210,060
;  PRIOR FILING DATE: 2000-06-07
;  PRIOR APPLICATION NUMBER: 60/219,507
;  PRIOR FILING DATE: 2000-07-20
;  PRIOR APPLICATION NUMBER: 60/221,337
;  PRIOR FILING DATE: 2000-07-26
;  PRIOR APPLICATION NUMBER: 60/221,927
;  PRIOR FILING DATE: 2000-07-31
;  PRIOR APPLICATION NUMBER: 60/263,135
;  PRIOR FILING DATE: 2001-01-19
;  PRIOR APPLICATION NUMBER: 60/263,688
;  PRIOR FILING DATE: 2001-01-24
;  PRIOR APPLICATION NUMBER: 60/263,694
;  PRIOR FILING DATE: 2001-01-24
;  NUMBER OF SEQ ID NOS: 155
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
;   LENGTH: 653
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-863-776-28


  Query Match           49.4%;  Score 43;  DB 5;  Length 653;
  Best Local Similarity  50.0%;  Pred. No. 38;
  Matches    8;  Conservative    2;  Mismatches    6;  Indels    0;  Gaps    0;

Qy      1 YLRIVQCRSVEGSCGF 16
          ||| : ||   ||| :
Db    241 YLRNLLCRKKLGSCSY 256


RESULT  45
US-09-863-776-30
; Sequence 30, Application US/09863776
; GENERAL INFORMATION:
;  APPLICANT: Spytek, Kimberly A
;  APPLICANT:  Majumder, Kumud
;  APPLICANT:  Tchernev, Velizar T
;  APPLICANT:  Mishra, Vishnu
;  APPLICANT:  Padigaru, Muralidhara
;  APPLICANT:  Spaderna, Steven K
;  APPLICANT:  Shenoy, Suresh G
;  APPLICANT:  Rastelli, Luca
;  APPLICANT:  Li, Li
;  APPLICANT:  Taupier, Raymond J
;  APPLICANT:  Gangolli, Esha
;  TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
;  FILE REFERENCE: 21402-020
;  CURRENT APPLICATION NUMBER: US/09/863,776
;  CURRENT FILING DATE:  2001-05-23
;  PRIOR APPLICATION NUMBER: 09/540,763
;  PRIOR FILING DATE: 2000-03-30
;  PRIOR APPLICATION NUMBER: 60/206,679
;  PRIOR FILING DATE: 2000-05-24
;  PRIOR APPLICATION NUMBER: 60/206,688
;  PRIOR FILING DATE: 2000-05-24
;  PRIOR APPLICATION NUMBER: 60/206,829
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;  PRIOR FILING DATE: 2000-05-24
;  PRIOR APPLICATION NUMBER: 60/207,748
;  PRIOR FILING DATE: 2000-05-30
;  PRIOR APPLICATION NUMBER: 60/207,798
;  PRIOR FILING DATE: 2000-05-30
;  PRIOR APPLICATION NUMBER: 60/208,263
;  PRIOR FILING DATE: 2000-05-31
;  PRIOR APPLICATION NUMBER: 60/208,831
;  PRIOR FILING DATE: 2000-06-02
;  PRIOR APPLICATION NUMBER: 60/209,451
;  PRIOR FILING DATE: 2000-06-05
;  PRIOR APPLICATION NUMBER: 60/210,060
;  PRIOR FILING DATE: 2000-06-07
;  PRIOR APPLICATION NUMBER: 60/219,507
;  PRIOR FILING DATE: 2000-07-20
;  PRIOR APPLICATION NUMBER: 60/221,337
;  PRIOR FILING DATE: 2000-07-26
;  PRIOR APPLICATION NUMBER: 60/221,927
;  PRIOR FILING DATE: 2000-07-31
;  PRIOR APPLICATION NUMBER: 60/263,135
;  PRIOR FILING DATE: 2001-01-19
;  PRIOR APPLICATION NUMBER: 60/263,688
;  PRIOR FILING DATE: 2001-01-24
;  PRIOR APPLICATION NUMBER: 60/263,694
;  PRIOR FILING DATE: 2001-01-24
;  NUMBER OF SEQ ID NOS: 155
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
;   LENGTH: 662
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-863-776-30


  Query Match             49.4%;  Score 43;  DB 5;  Length 662;
  Best Local Similarity   50.0%;  Pred. No. 39;
  Matches    8;  Conservative    2;  Mismatches    6;  Indels    0;  Gaps    0;

Qy       1 YLRIVQCRSVEGSCGF 16
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Db     250 YLRNLLCRKKLGSCSY 265


RESULT  46
US-10-140-293-32
; Sequence 32, Application US/10140293
; GENERAL INFORMATION:
;  APPLICANT: CHEN, WEN Y.
;  APPLICANT:  WAGNER, THOMAS E.
;  TITLE OF INVENTION: USE OF ANTI-PROLACTIN AGENTS TO TREAT PORLIFERATIVE
;  TITLE OF INVENTION:  CONDITIONS
;  FILE REFERENCE: 035879/0109
;  CURRENT APPLICATION NUMBER: US/10/140,293
;  CURRENT FILING DATE:  2002-05-08
;  PRIOR APPLICATION NUMBER: US/09/246,041
;  PRIOR FILING DATE: 1999-02-05
;  NUMBER OF SEQ ID NOS: 42
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
;   LENGTH: 198
;   TYPE: PRT
;   ORGANISM: Rana catesbiana
US-10-140-293-32


  Query Match             48.9%;  Score 42.5;  DB 6;  Length 198;
  Best Local Similarity   46.7%;  Pred. No. 14;
  Matches    7;  Conservative    6;  Mismatches    1;  Indels    1;  Gaps    1;

Qy       1 YLRIVQCRSV-EGSC 14
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Db     184 YLKLLKCRLIHEGNC 198


RESULT  47
US-60-360-039-16512
; Sequence 16512, Application US/60360039
; GENERAL INFORMATION:
;  APPLICANT: Cao, Yongwei
;  APPLICANT:  Chen, Xianfeng
;  APPLICANT:  Goldman, Barry S.
;  APPLICANT:  Hinkle, Gregory J.
;  APPLICANT:  Slater, Steven C.
;  TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
;  TITLE OF INVENTION:  PLANTS WITH IMPROVED PROPERTIES
;  FILE REFERENCE: 38-10(52052)A
;  CURRENT APPLICATION NUMBER: US/60/360,039
;  CURRENT FILING DATE:  2002-02-21
;  NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 16512
;   LENGTH: 453
;   TYPE: PRT
;   ORGANISM: Bacillus thuringiensis
US-60-360-039-16512


  Query Match             48.3%;  Score 42;  DB 7;  Length 453;
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  Matches    9;  Conservative    1;  Mismatches    6;  Indels    0;  Gaps    0;

Qy       1 YLRIVQCRSVEGSCGF 16
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Db     280 YVRIVSERHFERLCGF 295


RESULT  48
US-60-382-898-404
; Sequence 404, Application US/60382898
; GENERAL INFORMATION:
;  APPLICANT: Hudson, Keith
;  APPLICANT:  et al.
;  TITLE OF INVENTION: Plant Receptors and Ligands
;  FILE REFERENCE: 1066P
;  CURRENT APPLICATION NUMBER: US/60/382,898
;  CURRENT FILING DATE:  2002-05-22
;  NUMBER OF SEQ ID NOS: 1344
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 404
;   LENGTH: 1286
;   TYPE: PRT
;   ORGANISM: Arabidopsis thaliana
US-60-382-898-404


  Query Match             48.3%;  Score 42;  DB 7;  Length 1286;
  Best Local Similarity   63.6%;  Pred. No. 1.1e+02;
  Matches    7;  Conservative    1;  Mismatches    3;  Indels    0;  Gaps    0;

Qy       6 QCRSVEGSCGF 16
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Db     195 ECLSSHGSCGF 205


RESULT  49
US-10-105-299-4547
; Sequence 4547, Application US/10105299
; GENERAL INFORMATION:
;  APPLICANT: Rosen, et. al
;  TITLE OF INVENTION: Human Secreted Proteins
;  FILE REFERENCE: PS950
;  CURRENT APPLICATION NUMBER: US/10/105,299
;  CURRENT FILING DATE:  2002-03-26
;  NUMBER OF SEQ ID NOS: 15197
;  Prior Application removed - See File Wrapper or Palm
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4547
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; LENGTH: 27
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-105-299-4547

  Query Match 46.0%; Score 40; DB 6; Length 27;
  Best Local Similarity 57.1%; Pred. No. 5.3;
  Matches 8; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

Qy 3 RIVQCRSVEGSCGF 16
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Db 6 RFVQCTVVDPSAGF 19

RESULT 50
US-10-155-881-22577
; Sequence 22577, Application US/10155881
; GENERAL INFORMATION:
; APPLICANT: Dotson, Stanton B.
; APPLICANT: Kovalic, David K.
; APPLICANT: Liu, Jingdong
; APPLICANT: Lutfiyya, Linda L.
; APPLICANT: McIninch, James
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
; TITLE OF INVENTION: TRANSCRIPTION IN PLANTS
; FILE REFERENCE: 38-21(15300)J
; CURRENT APPLICATION NUMBER: US/10/155,881
; CURRENT FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 37595
; SEQ ID NO 22577
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Glycine max
US-10-155-881-22577

  Query Match 46.0%; Score 40; DB 6; Length 249;
  Best Local Similarity 60.0%; Pred. No. 46;
  Matches 6; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 6 QCRSVEGSCG 15
      :| |:|| ||
Db 61 RCMSLEGDCG 70

Search completed: July 10, 2002, 08:28:15
Job time: 192 sec